



Program of Study
Career Field: Industrial, Manufacturing and Engineering Systems
Career Cluster: Manufacturing
Career Pathway: Maintenance, Installation, and Repair



Northeast Community College

DEGREE:
Industrial Technician

<http://www.northeast.edu/Degrees-and-Programs/Industrial-Technician>

		GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES		PATHWAY ELECTIVE COURSES		EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES	
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Principles of Design Principles of Contruction Housing and Home Furnishings			Intro to the Built Environment The Language of Architecture and Construction Principles of Maintenance and Operations		<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS <i>Community Activities:</i> Do home repair projects Learn about history of the buildings in your community Work with a contractor Part-time employment within career cluster	
	10	English/Language Arts II	Geometry	Biology	World History							
	11	English/Language Arts III	Algebra II	Chemistry or other science course	American History							
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis							
NORTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES					
	13	Career Composition	Applied Mathematics I	Basic Computer Applications			Basic Electricity and Lab	Precision Measurement	Metallurgy I	Shop Operations and Lab	Motor Controls and Lab	
							OSHA 30 Hour Safety	Machinist Fundamentals I	Blueprint Reading			